| | Document ID | Issue Date | Pages | Title | Current OR | Current XRef | Inventor |
|---|---|---|---|---|---|---|---|
| 1 | US 20030035492 A1 | 20030220 | 18 | Symbol constellations having second-order statistics with cyclostationary phase | 375/295 | 375/229; 375/296 | Murphy, Charles Douglas |
| 2 | US 20010016003 A1 | 20010823 | 7 | Error control apparatus and method for channel equalizer | 375/232 | 375/350 | Kim, Gang-Ho |
| 3 | US 6803829 B2 | 20041012 | 149 | Integrated VCO having an improved tuning range over process and temperature variations | 331/34 | 257/E27 .046; 331/117 FE; 331/175; 331/186; 331/66 | Duncan; Ralph et al. |
| 4 | US 6759904 B2 | 20040706 | 122 | Large gain range, high linearity, low noise MOS VGA | 330/254 | 257/E27 .046; 327/359 | Behzad; Arya R. |
| 5 | US 6525609 B1 | 20030225 | 123 | Large gain range, high linearity, low noise MOS VGA | 330/254 | 257/E27 .046; 327/359 | Behzad; Arya R. |
| 6 | US 6496229 B1 | 20021217 | 24 | TV receiver using read-only memory shared during VSB and QAM reception for synchrodyning I-F signal to baseband | 348/725 | 348/427. 1; 348/433. 1; 348/726; 348/731 | Limberg; Allen LeRoy |
| 7 | US 6463295 B1 | 20021008 | 37 | Power control with signal quality estimation for smart antenna communication systems | 455/522 | 455/562. 1; 455/69 | Yun; Louis C. |
| 8 | US 6445039 B1 | 20020903 | 100 | System and method for ESD Protection | 257/355 | 257/356; 257/357; 257/360; 257/E27 .046 | Woo; Agnes N. et al. |

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|---|---|---|---|---|---|---|---|
| 9 | US 6426972 B1 | 20020730 | 26 | Reduced complexity equalizer for multi mode signaling | 375/229 | 375/233 | Endres; Thomas J. et al. |
| 10 | US 6426680 B1 | 20020730 | 152 | System and method for narrow band PLL tuning | 331/34 | 257/E27.046; 331/117 FE; 331/117 R; 331/16; 331/17; 331/179; 331/36C | Duncan; Ralph et al. |
| 11 | US 6421378 B1 | 20020716 | 23 | Signal waveform equalizer apparatus | 375/229 | 375/344 | Fukuoka; Toshihiko et al. |
| 12 | US 6320904 B1 | 20011120 | 8 | Clustering blind convergence process in an adaptive decision feedback equalizer | 375/233 | 375/261 | Velez; Edgar et al. |
| 13 | US 6188722 B1 | 20010213 | 11 | Sequential blind convergence process in an adaptive decision feedback equalizer | 375/233 | 333/28R | Velez; Edgar et al. |
| 14 | US 6005640 A | 19991221 | 18 | Multiple modulation format television signal receiver system | 348/726 | 348/555; 348/558; 348/614; 348/720; 375/235; 375/240.01; 375/348 | Strolle; Christopher H. et al. |

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|---|---|---|---|---|---|---|---|
| 15 | US 5841816 A | 19981124 | 18 | Diversity Pi/4-DQPSK demodulation | 375/331 | 375/332; 375/347; 375/366; 455/134; 455/137; 455/277. 2 | Dent; Paul W. et al. |
| 16 | US 5825832 A | 19981020 | 14 | Method and device for the reception of signals affected by inter-symbol interface | 375/341 | 714/795 | Benedetto; Valter |
| 17 | US 5799037 A | 19980825 | 18 | Receiver capable of demodulating multiple digital modulation formats | 375/233 | 375/326 | Strolle; Christopher H. et al. |
| 18 | US 5774450 A | 19980630 | 26 | Method of transmitting orthogonal frequency division multiplexing signal and receiver thereof | 370/206 | 370/208; 370/210; 370/515; 375/368 | Harada; Yasuo et al. |
| 19 | US 5537439 A | 19960716 | 10 | Decision directed algorithm control method | 375/232 | 375/229; 708/323 | Choi; Yang-seok |
| 20 | US 5056117 A | 19911008 | 14 | Decision feedback equalization with trellis coding | 375/234 | 2/917; 375/341; 375/349; 714/795 | Gitlin; Richard D. et al. |
| 21 | US 4847797 A | 19890711 | 13 | Adaptive blind equilization method and device | 708/3 | 333/18; 375/235; 708/323 | Picchi; Giorgio et al. |

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|---|---|---|---|---|---|---|---|
| 22 | US 4646173 A | 19870224 | 55 | Converting and decoding receiver for digital data recorded in analog form on magnetic tape | 360/51 | 360/32; 375/350; 375/371 | Kammeyer; Karl-Dirk et al. |
| 23 | US 4344177 A | 19820810 | 8 | Equalizer comprised of equalizer sections which include internal accumulation circuits | 375/236 | 708/323 | Kustka; George J. |
| 24 | US 4237554 A | 19801202 | 12 | Coefficient tap leakage for fractionally-spaced equalizers | 375/234 | 333/18; 708/323 | Gitlin; Richard D. et al. |
| 25 | US 4097807 A | 19780627 | 16 | Automatic equalizing method and system | 375/232 | 375/270; 375/344 | Fujimura; Noriaki |
| 26 | US 4089061 A | 19780509 | 16 | Method and apparatus for determining the initial values of the coefficients of a complex transversal equalizer | 708/305 | 333/18; 375/231; 375/261; 375/270 | Milewski; Andrzej T. |
| 27 | US 4004226 A | 19770118 | 11 | QAM receiver having automatic adaptive equalizer | 375/231 | 333/18; 375/261 | Qureshi; Shahid U. H. et al. |
| 28 | US 20010016003 A | 20010823 | | Combine G-pseudo channel equalizer for controlling error in digital transmission system, adds absolute value of real and imaginary portion of error calculated based on corrected signal to obtain absolute value of error | | | KIM, G H et al. |